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Express Mail No. EV452775489US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Dingivan *et al.* Confirmation No.: 3565  
Serial No.: 10/657,006 Art Unit: 1614  
Filed: September 5, 2003 Examiner: To Be Assigned  
FOR: METHODS OF PREVENTING OR TREATING T CELL  
MALIGNANCIES BY  
ADMINISTERING CD2  
ANTAGONISTS Attorney Docket No: 10271-116-999

**TRANSMITTAL OF POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. § 3.71  
WITH STATEMENT UNDER 37 C.F.R. 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith the following for filing of record in connection with the above-identified patent application:

1. a Power of Attorney by Assignee and Exclusion of Inventor(s) Under 37 C.F.R. § 3.71 With Statement Under 37 C.F.R. § 3.73(b), executed by Susan S. Rucker, Technology Licensing Specialist for The Government of the United States of America, as represented by The Secretary, Department of Health and Human Services, and accompanying copy of an executed Assignment.
2. a Power of Attorney by Assignee and Exclusion of Inventor(s) Under 37 C.F.R. § 3.71 With Statement Under 37 C.F.R. § 3.73(b), executed by William C. Bertrand, Vice President and General Counsel of MedImmune, Inc., and accompanying copy of an executed Assignment.

Please direct all correspondence and telephone calls to Jones Day at the address indicated below.

Respectfully submitted,

Date: June 16, 2005

Margaret B. Brivanlou 40,922  
Margaret B. Brivanlou (Reg. No.)

By: Lynda Q. Nguyen 54,338  
Lynda Q. Nguyen (Reg. No.)

**JONES DAY**  
222 East 41<sup>st</sup> Street  
New York, New York 10017  
(212) 326-3939

Enclosures



Express Mail No. EV452775489US  
POWER OF ATTORNEY

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of:	Dingivan et al.	Confirmation No.:	3565
Serial No.:	10/657,006	Art Unit:	1614
Filed:	September 5, 2003	Examiner:	To Be Assigned
For:	METHODS OF PREVENTING OR TREATING T CELL MALIGNANCIES BY ADMINISTERING CD2 ANTAGONISTS	Attorney Docket No.:	10271-116-999

**POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71  
WITH STATEMENT UNDER 37 C.F.R. 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned assignee of a partial interest in the above-identified subject application hereby appoints Practitioners at Customer Number 20583, all of Jones Day, whose address is 222 East 41st Street, New York, New York 10017, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71.

Please direct all correspondence for this application to Customer No. 20583.

**Statement Under 37 C.F.R. 3.73(b)**

MedImmune, Inc. states that it is partial assignee of the entire right, title, and interest in the patent application/patent identified above by virtue of an assignment from the inventor(s) of the patent application/patent identified above. A copy of the assignment is attached hereto.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

**ASSIGNEE: MedImmune, Inc.**

Date:

9 JUNE 2005

Signature:

William C. BERTRAND

Typed Name:

William C. BERTRAND

Position/Title:

VP and General Counsel

SOLE

ASSIGNMENT

WHEREAS, I, **Christine Dingivan**, ASSIGNOR, citizen of the United States, residing at 854 Still Creek Lane, Gaithersburg, Maryland 20878, am the co-inventor with Thomas Waldmann, Zhuo Zhang and Meili Zhang of the invention in **METHODS OF PREVENTING OR TREATING T CELL MALIGNANCIES BY ADMINISTERING CD2 ANTAGONISTS** for which I have executed an application for a Patent of the United States

- ☒ which is identified by Jones Day docket no. 10271-116-999  
☒ which was filed on September 5, 2003, Application No. 10/657,006

and WHEREAS, **MEDIMMUNE, INC.**, a Delaware Corporation, having a place of business at One MedImmune Way, Gaithersburg, Maryland 20878, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

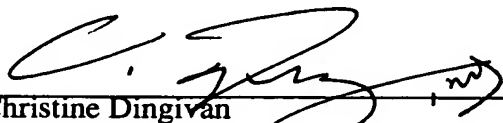
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22 day of OCTOBER, 2004

  
Christine Dingivan L.S.

Witness 

Witness 



Express Mail No. EV452775489US  
POWER OF ATTORNEY

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of:	Dingivan et al.	Confirmation No.:	3565
Serial No.:	10/657,006	Art Unit:	1614
Filed:	September 5, 2003	Examiner:	To Be Assigned
For:	METHODS OF PREVENTING OR TREATING T CELL MALIGNANCIES BY ADMINISTERING CD2 ANTAGONISTS	Attorney Docket No.:	10271-116-999

**POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71  
WITH STATEMENT UNDER 37 C.F.R. 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned assignee of a partial interest in the above-identified subject application hereby appoints Practitioners at Customer Number 20583, all of Jones Day, whose address is 222 East 41st Street, New York, New York 10017, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71.

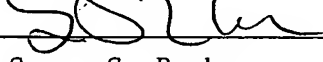
Please direct all correspondence for this application to Customer No. 20583.

**Statement Under 37 C.F.R. 3.73(b)**

The Government of the United States of America, as represented by The Secretary, Department of Health and Human Services states that it is partial assignee of the entire right, title, and interest in the patent application/patent identified above by virtue of an assignment from the inventor(s) of the patent application/patent identified above. A copy of the assignment is attached hereto.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

**ASSIGNEE: The Government of the United States of America, as represented by The Secretary, Department of Health and Human Services**

Date:	<u>12 May 2005</u>	Signature:	<u></u>
		Typed Name:	<u>Susan S. Rucker</u>
		Position/Title:	<u>Technology Licensing Specialist</u>

## ASSIGNMENT

WHEREAS, WE, **Thomas Waldmann**, a citizen of the United States, residing at 3910 Rickover Road, Silver Spring, Maryland 20902, **Zhuo Zhang**, a citizen of China, residing at 13303 Catawba Manor Way, Clarksburg, Maryland 20871; and **Meili Zhang**, a citizen of China, residing at 7464 Westlake Terrace, Bethesda, Maryland 20817, ASSIGNORS, are the co-inventors with Christine Dingivan of the invention in **METHODS OF PREVENTING OR TREATING T CELL MALIGNANCIES BY ADMINISTERING CD2 ANTAGONISTS** for which we have executed an application for a Patent of the United States

- ☒ which is identified by Jones Day docket no. 10271-116-999  
☒ which was filed on September 5, 2003, Application No. 10/657,006

and WHEREAS, the **Government of the United States of America**, as represented by **The Secretary, Department of Health and Human Services**, having a principal place of business at Office of Technology Transfer, The National Institutes of Health, 6011 Executive Boulevard, Suite 325, Rockville, Maryland 20852, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Oct 29, 2004

Thomas Waldmann

L.S.

State of Maryland,  
 County of Montgomery, SS.:

On October 29, 2004, before me, Rena Rodriguez, Notary Public, personally appeared **Thomas Waldmann**, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Rena Rodriguez  
 Exp. 9/20/05

Date 10/29, 2004

State of Maryland,  
County of Montgomery ) SS.:

Zhuo Zhang

L.S.

On October 29, 2004, before me, Rena Rodriguez Notary Public, personally appeared Zhuo Zhang, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Rena Rodriguez exp. 9/20/05

Date 10/29, 2004

State of Maryland,  
County of Montgomery ) SS.:

Meili Zhang

L.S.

On October 29, 2004, before me, Rena Rodriguez Notary Public, personally appeared Meili Zhang, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Rena Rodriguez Exp. 9/20/05



Express Mail No. EV452775489US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Dingivan *et al.*

Confirmation No.: 3565

Serial No.: 10/657,006

Art Unit: 1614

Filed: September 5, 2003

Examiner: To Be Assigned

FOR: METHODS OF PREVENTING  
OR TREATING T CELL  
MALIGNANCIES BY  
ADMINISTERING CD2  
ANTAGONISTS

Attorney Docket No: 10271-116-999

**TRANSMITTAL OF AUTHORIZATION TO ACT IN A REPRESENTATIVE  
CAPACITY UNDER 37 C.F.R. § 1.34**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith an Authorization to Act in a Representative Capacity Under 37 C.F.R. § 1.34, executed by Susan S. Rucker, Technology Licensing Specialist for The Government of the United States of America, as represented by The Secretary, Department of Health and Human Services, for filing of record in connection with the above-identified patent application.

Respectfully submitted,

Date: June 16, 2005

Margaret B. Brivanlou 40,922  
Margaret B. Brivanlou (Reg. No.)

By: Lynda Q. Nguyen 54,338  
Lynda Q. Nguyen (Reg. No.)  
JONES DAY  
222 East 41<sup>st</sup> Street  
New York, New York 10017  
(212) 326-3939

Enclosure



Express Mail No. EV452775489US  
POWER OF ATTORNEY

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Dingivan et al. Confirmation No.: 3565  
Serial No.: 10/657,006 Art Unit: 1614  
Filed: September 5, 2003 Examiner: To Be Assigned  
For: METHODS OF PREVENTING OR Attorney Docket No.: 10271-116-999  
TREATING T CELL MALIGNANCIES  
BY ADMINISTERING CD2  
ANTAGONISTS

**AUTHORIZATION TO ACT IN A REPRESENTATIVE  
CAPACITY UNDER 37 C.F.R. § 1.34**

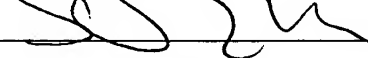
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The below-identified practitioners are authorized to conduct interviews and have the authority to bind the principal concerned. Furthermore, the practitioners listed below are authorized to file correspondence in the above-identified application pursuant to 37 C.F.R. § 1.34:

Name	Registration Number
Mojdeh Bahar	54,798
Thomas Clouse	46,629
Jasbir Kindra	41,115
Richard U. Rodriguez	45,980
Susan S. Rucker	35,762
David R. Sadowski	32,808

**The Government of the United States of America,  
as represented by The Secretary, Department of  
Health and Human Services**

Date: 12 May 2005 Signature:   
Typed Name: Susan S. Rucker  
Position/Title: Technology Licensing Specialist